



PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Nicholas K. Hayward, et al. Examiner:

Serial No.: 09/349,954

Art Unit: 1646

Filing Date: July 8, 1999

Docket: 10441Z

For: A NOVEL GROWTH FACTOR AND A
GENETIC SEQUENCE ENCODING SAME

Date: November 1, 1999

Assistant Commissioner for Patents
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§1.97 and 1.98, it is requested that the following disclosures, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

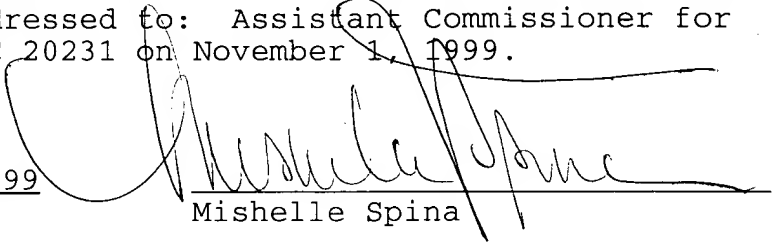
U.S. Patent No. 5,073,492 issued December 17, 1991 to
Chen, et al.

U.S. Patent No. 5,194,596 issued March 16, 1993 to
Tischer, et al.

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on November 1, 1999.

Dated: November 1, 1999


Mishelle Spina

U.S. Patent No. 5,219,739 published June 15, 1993 to Tischer, et al.

U.S. Patent No. 5,338,671 published August 16, 1994 to Scalice, et al.

Breier, et al. (1992) "Expression of Vascular Endothelial Growth Factor During Embryonic Angiogenesis and Endothelial Cell Differentiation", Development 114:521-532.

Ferrara, et al. (1991) "Purification and Cloning of Vascular Endothelial Growth Factor Secreted by Pituitary Folliculostellate Cells", Methods in Enzymology 198:391-405.

Houck, et al. (1991) "The Vascular Endothelial Growth Factor Family: Identification of a Fourth Molecular Species and Characterization of Alternative Splicing of RNA", Mol. Endocrinology 5(12):1806-1814.

Keck, et al. (1989) "Vascular Permeability Factor, an Endothelial Cell mitogen Related to PDGF", Science 246:1309-1312.

Lagercrantz, et al. (1996) "Expression of the VEGF-Related Factor Gene in Pre- and Postnatal Mouse", Biochemical and Biophysical Research Communications 220:147-152.

Leung, et al. (1989) "Vascular Endothelial Growth Factor is Secreted Angiogenic Mitogen", Science 246:1306-1309.

Lyttle, et al. (January 1994) "Homologs of Vascular Endothelial Growth Factor are Encoded by the Poxvirus Orf Virus", Journal of Virology 68(1):84-92.

Sharma, et al. (1995) "Nucleotide Sequence and Expression of the Porcine Vascular Endothelial Growth Factor", Biochimica et Biophysica Acta 1260:235-238.

Tischer, et al. (December 29, 1989) "Vascular Endothelial Growth Factor: A New Member of the Platelet-Derived Growth Factor Gene Family", Biochemical and Biophysical Research Communications 165(3):1198-1206.

Tischer, et al. (June 25, 1991) "The Human Gene for Vascular Endothelial Growth Factor", The Journal of Biological Chemistry 266(18):11947-11954.

Weindel, et al. (March 31, 1992) "Aids-Associated Kaposi's Sarcoma Cells in Culture Express Vascular Endothelial Growth Factor", Biochemical and Biophysical Research Communications 183(3):1167-1174.

International Publication No. WO 90/13649 published on November 15, 1990.

International Publication No. WO 95/24473 published on September 14, 1995.

Pursuant to 37 C.F.R. §1.98(d) copies of the above listed publications are not provided, as the references were previously submitted to the Examiner in connection with the parent case, U.S. Serial No. 08/465,588 filed on December 17, 1996.

Consideration of this Information Disclosure Statement is respectfully requested, since the information provided herewith may be material to the examination of the present application as defined under 37 C.F.R. §1.56(a).

Inasmuch as this Information Disclosure Statement is being filed prior to the issuance of a first Official Action, no fee or certification is due.

Respectfully submitted,



Frank S. DiGiglio
Registration No. 31,346

SCULLY, SCOTT, MURPHY & PRESSER
400 Garden City Plaza
Garden City, New York 11530
(516) 742-4343

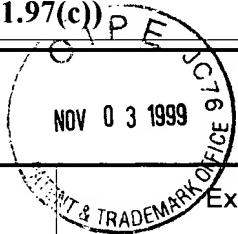
PIB:bb

67A-1646

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
10441Z

In Re Application Of: **Nicholas K. Hayward, et al.**



Serial No.
09/349,954

Filing Date
July 8, 1999

Examiner

Group Art Unit
1646

Title: **A NOVEL GROWTH FACTOR AND A GENETIC SEQUENCE ENCODING SAME**

Address to:
**Assistant Commissioner for Patents
Washington, D.C. 20231**

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on the merits, whichever event occurs last.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:

1. a Final Action under 37 CFR 1.113, or
 2. a Notice of Allowance under 37 CFR 1.311,
- whichever occurs first.

Also submitted herewith is:

- ☐ a certification as specified in 37 CFR 1.97(e);

OR

- ☐ the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c).

RECEIVED
TECHNICAL SERVICES
99 NOV -4 PM 2:15

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
10441Z

In Re Application Of: **Nicholas K. Hayward, et al.**

NOV 03 1999

Serial No.
09/349,954

Filing Date
July 8, 1999

Examiner

Group Art Unit
1646

Title: **A NOVEL GROWTH FACTOR AND A GENETIC SEQUENCE ENCODING SAME**

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. **19-1013/SSMP** as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of _____
- ☐ Credit any overpayment.
- ☒ Charge any additional fee required.

Certificate of Transmission by Facsimile*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax No. _____) on

(Date)

Signature

Typed or Printed Name of Person Signing Certificate

Certificate of Mailing by First Class Mail

I certify that this document and fee is being deposited on 11/1/99 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of Person Mailing Correspondence

Mishelle Spina

Typed or Printed Name of Person Mailing Correspondence

*This certificate may only be used if paying by deposit account.

Dated: November 1, 1999

Frank S. DiGiglio
Registration No.: 31,346

SCULLY, SCOTT, MURPHY & PRESSER
400 Garden City Plaza
Garden City, New York 11530
(516) 742-4343

CC:

RECEIVED
TECH. COMM. 10/29/2500
99 NOV -4 PM 2:15